

**MOTOROLA**  
**FAX TRANSMITTAL SHEET****RECEIVED**  
**CENTRAL FAX CENTER****FEB 22 2006**Motorola, Inc.  
Intellectual Property Section  
Law Department  
600 North U.S. Highway 45  
Libertyville, IL 60048**Telephone: (847) 523-2327**  
**Facsimile: (847) 523-2350****12**

Number of Pages (including this page)

Date: 02/22/2006  
To: Commissioner for Patents  
Location: United States Patent and Trademark Office  
Fax No.: (571) 273-8300  
From: Randall S. Vaas Registration No. 34,479  
Subject: Serial No. 09/765,857 Docket No. CS10968

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**MESSAGE:**

Enclosed herewith, please find:

- ☒ Response to Notice of Non-Compliant Amendment
- ☒ Amendment Transmittal Form
- ☒ Fee Transmittal Form
- ☒ Copy of Amendment filed on 1/26/2006 (8 pages)

**PLEASE GIVE THESE PAPERS TO:**EXAMINER:  
GROUP ART UNIT:  
SERIAL NO.:  
FILED:  
INVENTOR:Tse, Young Tol  
2637  
09/765,857  
01/18/2001  
Rodriguez, Michael J.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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FEB 22 2006

<b>ADMENDMENT TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/765,857
	Filing Date	01/18/2001
	First Named Inventor	Rodriguez, Michael J.
	Group Art Unit	2637
	Examiner Name	Tse, young Toi
	Attorney Docket Number	CS10968

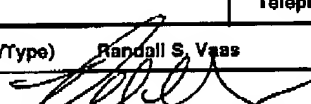
## ENCLOSURES (Check all that apply)

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached  | <input type="checkbox"/> Assignment Papers<br>(for an Application)                         | <input type="checkbox"/> After Allowance Communication to Group                               |
| <input checked="" type="checkbox"/> Amendment/Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Drawing(s)  | <input type="checkbox"/> Appeal Communication to Board of Appeals<br>and Interferences        |
| <input type="checkbox"/> Extension of Time Request   | <input type="checkbox"/> Licensing-related Papers  | <input type="checkbox"/> Appeal Communication to Group<br>(Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> Express Abandonment Request   | <input type="checkbox"/> Petition Routing Slip<br>(PTO/SB/69) and<br>Accompanying Petition | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Information Disclosure<br>Statement   | <input type="checkbox"/> Change of Correspondence<br>Address                               | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Certified Copy of Priority<br>Document(s)   | <input type="checkbox"/> Fee Address Indication Form                                       | <input checked="" type="checkbox"/> Additional Enclosure(s)<br>(please identify below)        |
| <input type="checkbox"/> Response to Missing Parts<br>Incomplete Application   | <input type="checkbox"/> Terminal Disclaimer   | Response to Notice of Non-Compliant<br>Amendment  |
| <input type="checkbox"/> Response to Missing<br>Parts under 37 CFR<br>1.52 or 1.53   | <input type="checkbox"/> Small Entity Statement  |   |
|  | <input type="checkbox"/> Request for Refund  |   |

Remarks:

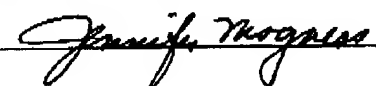
## CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label **20280** or ☐ Correspondence address below  
(Insert Customer No. or Attach bar code label here)

Name:	Motorola, Inc.		
Address:	Intellectual Property Department		
	600 North U.S. Highway 45, AN475		
City: Libertyville	State: Illinois	Zip Code:	60048
Country: USA	Telephone: 847-523-2327	Fax:	847-523-2350
Name (Print/Type) Randall S. Vass	Registration No.	34,479	
Signature 	Date	02/22/2006	

## CERTIFICATE OF TRANSMISSION

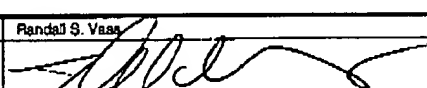
I hereby certify that this correspondence is being facsimile transmitted to the United States Patent Office at (571) 273-8300 on this date:  
02/22/2006

Typed or printed name: Jennifer Magness  
Signature 

Date 02/22/2006

FEB 22 2006

<b>FEE TRANSMITTAL</b>		<b>Complete If Known</b>	
Patent fees are subject to annual revision		Application Number	09/765,857
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	01/18/2001
		First Named Inventor	Rodriguez, Michael J.
		Examiner Name	Tse, young Toi
		Group Art Unit	2643
<b>TOTAL AMOUNT OF PAYMENT</b>		Attorney Docket No.	CS10968

METHOD OF PAYMENT (check all that apply)						FEE CALCULATION (continued)																																																																																																																																																											
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None						4. ADDITIONAL FEES																																																																																																																																																											
<input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: <b>502117</b> Deposit Account Name: <b>Motorola, Inc.</b> The Director is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.						<table border="1" style="width:100%"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th></th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - 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unavoidable</td></tr> <tr><td>1453</td><td>1500</td><td>2453</td><td>750</td><td>Petition to revive - unintentional</td></tr> <tr><td>1501</td><td>1400</td><td>2501</td><td>700</td><td>Utility issue fee (or release)</td></tr> <tr><td>1502</td><td>800</td><td>2502</td><td>400</td><td>Design issue fee</td></tr> <tr><td>1503</td><td>1100</td><td>2503</td><td>550</td><td>Plant issue fee</td></tr> <tr><td>1480</td><td>130</td><td>1480</td><td>130</td><td>Petitions to the Commissioner</td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(c)</td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of IDS</td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>1808</td><td>790</td><td>2809</td><td>395</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td></tr> <tr><td>1810</td><td>790</td><td>2810</td><td>395</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td></tr> <tr><td>1801</td><td>790</td><td>2801</td><td>395</td><td>Request for Continued Examination</td></tr> <tr><td>1802</td><td>900</td><td>1002</td><td>900</td><td>Request for expedited examination of a design application</td></tr> </tbody> </table>						Large Entity	Small Entity	Large Entity	Small Entity	Fee Description	Fee Code	Fee (\$)	Fee Code	Fee (\$)		1051	130	2051	65	Surcharge - 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<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b> <table border="1" style="width:100%"> <thead> <tr> <th rowspan="2">Application Type</th> <th colspan="2">FILING FEES</th> <th colspan="2">SEARCH FEES</th> <th colspan="2">EXAMINATION FEES</th> <th rowspan="2">Fee Paid (\$)</th> </tr> <tr> <th>Large Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Large Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Large Fee (\$)</th> <th>Small Entity Fee (\$)</th> </tr> </thead> <tbody> <tr><td>Utility</td><td>300</td><td>150</td><td>500</td><td>250</td><td>200</td><td>100</td><td></td></tr> <tr><td>Design</td><td>200</td><td>100</td><td>100</td><td>50</td><td>130</td><td>65</td><td></td></tr> <tr><td>Plant</td><td>200</td><td>100</td><td>300</td><td>150</td><td>160</td><td>80</td><td></td></tr> <tr><td>Reissue</td><td>300</td><td>150</td><td>500</td><td>250</td><td>800</td><td>300</td><td></td></tr> <tr><td>Provisional</td><td>200</td><td>100</td><td>0</td><td>0</td><td>0</td><td>0</td><td></td></tr> </tbody> </table>						Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fee Paid (\$)	Large Fee (\$)	Small Entity Fee (\$)	Large Fee (\$)	Small Entity Fee (\$)	Large Fee (\$)	Small Entity Fee (\$)	Utility	300	150	500	250	200	100		Design	200	100	100	50	130	65		Plant	200	100	300	150	160	80		Reissue	300	150	500	250	800	300		Provisional	200	100	0	0	0	0																																																																																																							
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<b>2. EXTRA CLAIM FEES</b> Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent. Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent. Multiple Dependent Claims						<table border="1" style="width:100%"> <thead> <tr> <th>Fee (\$)</th> <th>Small Entity Fee (\$)</th> </tr> </thead> <tbody> <tr><td>50</td><td>25</td></tr> <tr><td>200</td><td>100</td></tr> <tr><td>380</td><td>180</td></tr> </tbody> </table>						Fee (\$)	Small Entity Fee (\$)	50	25	200	100	380	180																																																																																																																																														
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Total Claims: <u>20</u> - 20 or HP = <u>0</u> X <u>50</u> = <u>0</u> HP = highest number of total claims paid for, if greater than 5						Multiple Dependent Claims: <u>380</u> Fee Paid (\$): <u>0</u>																																																																																																																																																											
Indep. Claims: <u>3</u> Extra Claims: <u>0</u> Fee (\$): <u>200</u> Fee Paid (\$): <u>0</u>																																																																																																																																																																	
<b>3. APPLICATION SIZE FEE</b> If the specification and drawings exceed 100 sheets of paper, the application size fee is \$250 (\$125 for small entity). For each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.18(a).						<table border="1" style="width:100%"> <thead> <tr> <th>Total Sheets</th> <th>Extra Sheets</th> <th>Number of each additional 50 or fraction thereof</th> <th>Fee (\$)</th> <th>Fee Paid (\$)</th> </tr> </thead> <tbody> <tr><td><u>100</u></td><td><u>0</u></td><td><u>0</u></td><td><u>0</u></td><td><u>0</u></td></tr> </tbody> </table>						Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)	<u>100</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>																																																																																																																																												
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<b>5. OTHER FEE(S) (specify)</b> Non-English Specification, \$130 fee (no small entity discount)						Fee Paid (\$): <u>0</u>																																																																																																																																																											
<b>SUBMITTED BY</b> Name (Print/Type): <u>Randall S. Vase</u> Signature: 						Registration No: <u>34,479</u> Telephone: <u>847-523-2327</u> Date: <u>02/22/2006</u>																																																																																																																																																											

**RECEIVED  
CENTRAL FAX CENTER****FEB 22 2006****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: Rodriguez, Michael J.

EXAMINER: Tse, Young Toi

SERIAL NO.: 09/765,857

GROUP: 2637

FILED: January 18, 2001

CASE NO.: CS10968

TITLED: Soft-Decision Metric Generation for Higher Order Modulation

---

Motorola, Inc.  
Law Department  
600 North U.S. Highway 45  
Libertyville, IL 60048

**RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Responsive to the Notice of Non-Compliant Amendment mailed February 6, 2006, please enter the following amendment in the above-entitled application, without prejudice or disclaimer. It is the amendment filed on January 26, 2006 with a signature.

Respectfully Submitted

Rodriguez, Michael J.

BY: 

Randall S. Vaas Date 02/22/2006

Registration No. 34,479

Phone (847) 523-2327

Fax. No. (847) 523-2350

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CENTRAL FAX CENTER****FEB 22 2006****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: RODRIGUEZ, MICHAEL J.                      CASE NO.:              CS10968  
SERIAL NO.: 09/765,857                                      GROUP:              2637  
FILED:              1/18/01                                      EXAMINER:              TSE, YOUNG TOI  
ENTITLED:              SOFT-DECISION METRIC GENERATION FOR HIGHER  
ORDER MODULATION

---

Motorola, Inc.  
Personal Communications Sector  
600 North US Highway 45 AS437  
Libertyville, IL 60048

**AMENDMENT**

Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action mailed July 26, 2005, transmitted herewith  
please find a Fee Transmittal Form, and an Amendment Transmittal Form. Please  
amend the above-identified application as follows.